Index of Claims

	App	li	cati	on/	Cor	ntrol	No.
--	-----	----	------	-----	-----	-------	-----

Applicant(s)/Patent under Reexamination

10/797,712 Examiner

SCARAFILE ET AL. Art Unit

Daniel A. Hess

2876

Rejected **Allowed**

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

A	Áppeal
0	Objected

Claim																			_
1 1 1 = 51 2 2 = 33 3 = 52 3 33 = 53 53 3 13 4 = 54 4 5 = 55 56 61 56 56 61 56 61 62 57 75 58 8 60 6	Cla	aim			,	_ ;	Dat	e	_		_	İ	Cla	aim					Da
2 2 = 3 3 = 53 53 53 13 4 = 54 4 5 = 55 55 55 55 55 55 55 56 55 56 55 56 56 56 56 56 56 56 56 57 58 8 8 66 60	Final	Original	1/3/06										Final	l					
3 3 = 53 54 54 54 55 55 55 55 55 55 55 55 55 56 57 55 56 57 57 55 56 57			=]		51					Ι
13 4 = 54 55 55 55 55 55 55 55 55 55 55 56 55 57 56 57 57 58 58 58 58 58 58 58 58 59 17 10 60 60			=																L
4 5 = 55 56 14 6 = 56 56 15 7 = 57 58 = 58 16 9 = 58 = 58 = 58 = 59 17 10 = 60 18 11 = 60 60 18 11 = 62 13 = 63 3 -7 14 = 62 13 = 63 -7 14 = 63 -7 14 = 64 4 -8 64 -8 -8 65 -8 65 -8 65 -8 65 -8 66 66 -8 <td></td> <td></td> <td>=</td> <td><u> </u></td> <td>L</td> <td>L</td> <td><u>L</u></td> <td>L</td> <td>L</td> <td>L</td> <td></td> <td></td> <td></td> <td></td> <td>Ш</td> <td></td> <td></td> <td><u>L</u></td> <td>L</td>			=	<u> </u>	L	L	<u>L</u>	L	L	L					Ш			<u>L</u>	L
14 6 = 56 57 15 7 = 57 58 58 58 59 17 10 = 60 60			=	_	<u> </u>	<u> </u>	_	_	<u> </u>	<u> </u>	_				\sqcup			ᆫ	L
15 7 = 57 58 16 9 = 59 59 17 10 = 60 60 60 18 11 = 61 61 61 62 62 63 7 14 = 62 63 7 7 14 = 64 62 63 7 67 8 8 64 62 63 7 66 66 62 63 7 7 67 8 8 68 68 68 66 67 8 8 8 8 68 8 68 8 68 8 68 8 8 69 9 9 9 20 = 70 70 23 21 = 71 11 11 11 24 = 72 20			=	L	L	L			L	$oxed{oxed}$					Ш			<u> </u>	L
5 8 = 58 16 9 = 60 17 10 = 60 18 11 = 62 19 13 = 63 7 14 = 64 20 15 = 65 16 66 66 67 8 18 = 68 22 19 = 69 9 20 = 70 23 21 = 71 10 22 = 72 26 23 = 73 11 24 = 74 27 25 = 75 12 26 = 77 25 28 = 78 28 29 = 79 29 30 = 80 31 81 81 32 82 82 33 83 83 3			=			┖	<u> </u>		L	_	<u> </u>				Ш			<u> </u>	L
16 9 = 59 60 17 10 = 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 61 62 63 7 7 74 63 7 74 63 7 63 7 7 64 62 11 7 67 8 8 62 11 7 66 66 66 66 66 67 8 8 8 69 9 </td <td></td> <td></td> <td>₩</td> <td></td> <td>_</td> <td><u> </u></td> <td>L</td> <td>L</td> <td><u> </u></td> <td>L</td> <td>╙</td> <td> </td> <td></td> <td></td> <td>\sqcup</td> <td></td> <td></td> <td><u> </u></td> <td>Ļ</td>			₩		_	<u> </u>	L	L	<u> </u>	L	╙				\sqcup			<u> </u>	Ļ
17 10 = 18 11 = 6 12 = 19 13 = 7 14 = 64 20 15 = 65 16 66 67 68 21 17 = 68 22 19 = 69 9 20 = 70 23 21 = 71 10 22 = 72 26 23 = 73 11 24 = 75 12 26 = 75 12 26 = 76 24 27 = 78 28 29 = 79 29 30 = 80 31 81 82 33 83 84 35 86 85 36 36 86 37 87 88 88				_	_	┡	_	_	Ļ	_	<u> </u>				\sqcup	_		L	Ļ
18 11 = 61 62 62 63 7 7 14 = 63 63 64 62 63 64 62 63 64 62 65 66 65 66 62 65 66 66 67 68 66 67 68 68 69 9			-		<u> </u>	<u> </u>	<u> </u>	_	_	_	╙				<u> </u>	_		_	Ļ
6 12 = 19 13 = 63 7 14 = 65 20 15 = 65 16 66 65 66 21 17 = 68 22 19 = 69 9 9 20 = 70 71 71 71 71 71 71 74 74 74 74 74 74 74 74 74 74 74 74 74 74 75 75 75 75 75 75<			-	_	-		┝	ļ	ļ	<u> </u>	-				\vdash			<u> </u>	Ł
19 13 = 63 64 20 15 = 65 65 66 21 17 = 68 66 67 68 68 69 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			-	<u> </u>	<u> </u>	┡	-	 	 	<u> </u>	┡	┨			\vdash	_		├_	╀
7 14 = 64 65 20 15 = 65 66 21 17 = 68 67 8 8 18 = 68 69 70 68 69 70 71 71 71 71 71 71 71 71 72 72 72 72 72 73 73 74 74 74 74 74 74 74 74 77 75 75 75 75 75 76 77 75 76 77 77 77 75 78 79<			-	<u> </u>	⊢	├	├	├—	├		├	-		62	\vdash		_		╀
20 15 = 65 66 21 17 = 66 67 8 68 22 19 = 68 69 9 9 20 70 22 21 71 10 22 = 71 71 71 71 71 71 72 26 23 = 73 71 71 72 26 23 = 73 74 74 74 74 74 74 74 74 74 74 74 74 77 75 75 76 76 77 75 76 77 78			1	┝	⊢	┝	┞	_	┢	_	<u> </u>	-			\vdash	_		<u> </u>	ł
16 66 21 17 8 18 22 19 9 20 10 22 23 21 10 22 26 23 27 25 28 29 29 30 31 80 31 81 32 83 33 84 35 85 36 86 37 88 39 40 41 90 44 92 43 94 45 96 47 97 48 99	-		_	-	├	├	-	⊢	├		├	1			\vdash	\dashv	_	├	╀
21 17 = 667 68 8 18 = 68 69 9 9 9 9 9 9 9 70 70 9 70 9 70 9 70 9 70 9 9 9 9 70 9	20		=	\vdash	⊢	⊢	⊢	⊢	⊢	⊢	├	•			├─┼	-	_	⊢	╀
8 18 = 68 69 9 9 20 = 70 80 80 80 80 80 80 80 80 80 80 80 </td <td>21</td> <td></td> <td> -</td> <td>-</td> <td>┢</td> <td>⊬</td> <td>⊢</td> <td>-</td> <td>├</td> <td>-</td> <td> </td> <td>1</td> <td></td> <td></td> <td>⊢┼</td> <td>\dashv</td> <td></td> <td>┢┈</td> <td>ł</td>	21		 -	-	┢	⊬	⊢	-	├	-	 	1			⊢┼	\dashv		┢┈	ł
22 19 = 69 70 23 21 = 71 71 71 10 22 = 72 72 72 72 72 72 72 72 72 73 73 74					-	├	⊢	-	├┈		 	1			\vdash	_		⊢	╀
9 20 = 70 71 10 22 = 72 72 26 23 = 73 11 11 24 = 74 74 27 25 = 75 75 12 26 = 76 24 27 = 77 25 28 = 78 28 29 = 79 29 30 = 80 80 81 82 83 83 83 83 83 83 83 83 83 83 84 83 84 84 85 86 86 86 86 86 87 88 88 88 88 88 88 88 88 89 <td></td> <td></td> <td>-</td> <td>\vdash</td> <td>\vdash</td> <td>\vdash</td> <td>\vdash</td> <td>\vdash</td> <td>\vdash</td> <td></td> <td>⊢</td> <td>ł</td> <td></td> <td></td> <td>\vdash</td> <td>-</td> <td></td> <td>\vdash</td> <td>╁</td>			-	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash		⊢	ł			\vdash	-		\vdash	╁
23 21 = 71 72 26 23 = 73 11 24 = 73 11 24 = 74 27 25 = 75 12 26 = 76 24 27 = 77 25 28 = 78 28 29 = 79 29 30 = 80 81 82 83 83 83 83 83 83 83 83 84 83 84 84 85 86 86 86 86 86 86 86 87 88 88 88 88 88 88 88 88 88 88 88 88 89			-	\vdash	\vdash	╁		\vdash	╁	-	╌	1			┢┈┼	\dashv	_	┢	H
10 22 = 72 73 11 24 = 73 11 24 = 74 27 25 = 75 12 26 = 76 24 27 = 77 25 28 = 78 28 29 = 79 29 30 = 80 81 82 83 83 83 83 83 83 83 83 83 84 83 84 84 85 86 86 86 86 87 88 89 90 90 90			-	┝	\vdash	╁	-		╁	-	-	1			\vdash	-		┢	╁
26 23 = 73 74 27 25 = 75 75 76 12 26 = 76 77 77 77 77 77 77 77 77 77 77 77 77 78 78 78 78 78 78 78 78 79 80 80 81 81 82 83 83 83 83 83 83 83 83 83 83 83 84 84 86 86 86 86 86 86 87 88 88 88 88 88 88 88 89 89 99 99 90 90 90			-	┢	╁	╁		-	╁─	-	├	1			\vdash	\dashv	_	⊢	╁
11 24 = 74 75 75 75 76 22 75 76 22 76 22 77 25 28 = 77 25 28 = 78 28 29 29 30 = 79 29 30 = 80 81 81 82 82 83 83 83 83 83 83 83 83 84 83 84 84 84 84 85 86 86 86 86 87 88 88 88 88 88 88 88 88 89 90 </td <td></td> <td></td> <td>\vdash</td> <td>┢</td> <td></td> <td>┢</td> <td>-</td> <td>-</td> <td>╁</td> <td></td> <td>┢</td> <td>1</td> <td></td> <td></td> <td>\vdash</td> <td></td> <td></td> <td>┢</td> <td>H</td>			\vdash	┢		┢	-	-	╁		┢	1			\vdash			┢	H
27 25 = 75 76 12 26 = 77 77 77 25 28 = 78 78 78 78 78 79 80 82 83 83 83 83 83 83 84 84 84 86 86 86 86 86 87 88 88 88 88 88 88 89 90 90 90 90 90 90 90 90 90 90 90			-	\vdash		t		-	┢		H	i			\vdash	-		\vdash	H
12 26 = 76 77 24 27 = 78 78 28 29 = 79 79 29 30 = 80 81 31 81 82 83 33 83 84 84 35 85 86 86 37 87 88 88 39 89 89 90 41 91 91 91 42 92 93 94 44 94 95 96 47 97 98 98 49 99 99 99			_	\vdash	\vdash	H	\vdash		\vdash		H	1			\vdash	\dashv	_	┢	t
24 27 = 77 78 28 29 = 79 29 30 = 80 81 81 81 82 83 83 83 83 83 83 84 84 84 85 85 86 86 87 88 88 88 89			=		 	╁		-	 		t	1			\vdash	\neg	_	┢	t
25 28 = 78 79 29 30 = 80 81 31 81 82 83 33 83 84 84 35 85 86 86 37 87 88 88 39 89 90 90 41 91 91 92 43 93 93 94 44 94 95 96 47 97 98 98 49 99 99 99			=			T	T	T	t			1			\Box	\neg	_	┢	t
28 29 = 79 80 29 30 = 80 81 31 82 82 83 33 83 83 83 34 84 84 84 35 85 86 86 37 87 88 89 40 90 90 90 41 91 91 91 42 92 93 94 43 93 94 94 45 95 96 96 47 97 98 98 49 99 99 99			=			Ħ	T		T						П	\exists		_	t
29 30 = 80 81 31 32 82 82 33 83 83 83 34 84 84 84 35 85 86 86 37 87 88 88 39 89 90 90 41 91 91 92 43 93 93 93 44 94 95 96 47 97 98 98 49 99 99 99			=				一								П			_	T
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			=			T									\Box	╛			T
32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99												1				\neg			T
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99					Γ				Г			ĺĺ							T
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99											Г	ĺ							T
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		34							П			1							Г
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		35												85					Γ
38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99														86					Γ
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99]							Γ
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99																			
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		39			$oxedsymbol{oxedsymbol{oxed}}$		_		<u>L</u>	L	L			89				<u>L</u>	L
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99						L	<u> </u>	<u> </u>											L
43 93 44 94 45 95 46 96 47 97 48 98 49 99		41			<u> </u>			$ldsymbol{ld}}}}}}$		L	_								L
44			Щ		$ldsymbol{le}}}}}}$	L	<u> </u>		Ļ		$ldsymbol{ldsymbol{ldsymbol{eta}}}$			92	Ш	_			L
45			Ш		dash	<u> </u>	<u> </u>		<u> </u>	L_	<u> </u>				\square	_			L
46	L		\sqcup	_	<u> </u>	_	<u> </u>	_		L	<u> </u>				\sqcup	_	_	_	L
47 97 98 98 99 99 99 99 9		45	\blacksquare		<u> </u>		<u> </u>	L_	<u> </u>	<u> </u>	<u> </u>				\sqcup	_			L
48 98 99 99 99 99 99 99 99 99 99 99 99 99	<u> </u>		\sqcup		<u> </u>	<u> </u>	<u> </u>	L.			<u> </u>				\sqcup	4		<u> </u>	L
49 99 99	<u> </u>		\sqcup		ļ	<u> </u>	<u> </u>	L		_	<u> </u>				\sqcup				L
	igwdown	48	Щ		├_	<u> </u>	ļ	<u> </u>	<u> </u>	_	<u> </u>				$\vdash \vdash$	_	_	<u> </u>	L
	<u> </u>		$\vdash \dashv$		\vdash	\vdash	Щ.	_	⊢		\vdash				$\vdash \downarrow$	4		<u> </u>	L
		50				<u> </u>	Ш	Щ	Щ.	Щ	l	ı l	i	100				Щ	L.

Cla	aim	Date										
<u> </u>		T	Γ	Т	П	T	Ť	Π	Γ	П		
Final	Original											
	51 52											
	52						L					
	53			ļ	L	L						
	54 55	<u> </u>	<u> </u>	<u> </u>		_	<u> </u>	_	_			
	55	_	_	<u> </u>	<u> </u>	<u> </u>		_	_			
	56	<u> </u>	ļ	<u> </u>	L.	<u> </u>	<u> </u>					
	57			├		<u> </u>	-	-	-			
	58	├	-	-	-	H	<u> </u>	-	┢	-		
	59 60	-	<u> </u>	⊢	-					-		
	61	<u> </u>	<u> </u>		-	⊢	-	 	-	⊢		
	61 62	\vdash		┢	-	-	-		-			
-	63	 		 	-	-	-	-	 	-		
	64	\vdash	Н	\vdash	H	\vdash	\vdash	┢	H	-		
	64 65	\vdash	┢	\vdash	 		 	İ	 	 		
	66	Ι	 		\vdash	Г		T	Г	Г		
	67			_	T				\Box			
	68			Γ								
	68 69											
	l 70											
	71											
	72			L	_	_				_		
	71 72 73 74 75			<u> </u>	_		_		_			
	74	<u> </u>	<u> </u>	╙	ļ	L	L	<u> </u>	<u> </u>			
	75	<u> </u>	<u> </u>	├—	<u> </u>	_	_	<u> </u>	┡	<u> </u>		
<u> </u>	76 77	⊢	-	├-	-	-	-		<u> </u>	<u> </u>		
-	78	\vdash	\vdash	-		┢	-	⊢		⊢		
	79	H					-	_	-	-		
	80	\vdash			\vdash	\vdash	\vdash	\vdash	\vdash	H		
-	81		H	-	-		-	-	\vdash	\vdash		
	82				\vdash				-	H		
	83									_		
	84											
	85											
	86											
	87									<u> </u>		
L	88	<u></u>	<u> </u>	<u> </u>		<u> </u>		<u>L</u>	_	L		
ļ	89	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	ļ	L	L.	oxdot		
	90	 	├-	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>	\vdash	\vdash		
<u> </u>	91 92	\vdash	<u> </u>	-	<u> </u>		ļ	<u> </u>	<u> </u>	L		
-	93	\vdash	⊢	⊢	_	\vdash	\vdash	 	\vdash	—		
-	94	-	\vdash	\vdash		Ι	⊢	H	-	_		
\vdash	95	\vdash	\vdash	⊢	_	\vdash		<u> </u>	-			
\vdash	96	\vdash	\vdash	\vdash		 	\vdash	-	\vdash	\vdash		
	97	\vdash	\vdash	\vdash		-	-	\vdash	Н	Н		
	98	Н	Ι	Ι-		-						
	99	П		Г								
	100					_						

Cla	aim	Date									
Final	Original										
	101										
	102		-		Г					Н	
	103			_				_		H	
	104									Ħ	
	101 102 103 104 105				Г	\vdash			_		
	106							Г			
	107										
	108										
	109						_				
	110		L				<u>.</u>			Ш	
	111		_	_		<u> </u>			<u> </u>	Ш	
	112 113		<u>L</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	Ш	
	113			L	_	<u>L</u>	<u> </u>	<u> </u>	<u> </u>	Щ	
	114 115		<u> </u>	L.	<u> </u>	<u> </u>	<u> </u> _	<u> </u>	<u> </u>	Щ	
	115	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	⊢	├	<u> </u>	Щ	
	116		-	_		├	 	-	 	_	
	117 118	-	<u> </u>	_			-	-		H	
	119					-	├	-		Н	
	120				┢─	⊢	┝	-	-	Н	
	120 121				\vdash	<u> </u>	┢╌	 	-	Н	
	122			_	\vdash	-	 		\vdash	Н	
	122 123 124 125 126					_	Ι-				
	124						 	1			
	125										
	126										
	127 128						<u> </u>	Ш	<u>L</u>	Щ	
	128					<u> </u>				Ш	
	129				_		_	<u> </u>	L.	Ш	
	130 131	_	_	_			_	_	_	Щ	
	131						<u> </u>	⊢	_	Н	
	132							\vdash		Н	
	133 134 135		-	-		ļ	-	H	Н	Н	
	135	_	-		\vdash	_	\vdash	\vdash	\vdash	Н	
	136					\vdash	\vdash	-	H	Н	
	136 137 138					-	٠	Н	H	Н	
	138									\Box	
	139									П	
	140										
	141										
]	142									Ш	
	143									Ш	
	144		Щ			\vdash	H	<u> </u>		Н	
	145	_	_	_	\vdash	<u> </u>	H	ļ	_	Н	
	146					_	-	\vdash		$\vdash \vdash$	
	147 148					\vdash	-	H		Н	
	149	\dashv	-		-		<u> </u>	H		$\vdash \vdash$	
\dashv	150	-	\vdash					H		\dashv	
	.50		-		لـــا			ш.		ш	